



January 2006

To: Initial Commercial & Governmental Pesticide Applicator and/or Dealer

From: Janet Kirkland, Training and Development Specialist

The Montana Department of Agriculture will be sponsoring Initial Pesticide Training for persons interested in becoming a commercial or governmental pesticide applicator and/or agricultural pesticide dealer. The training is February 27 through March 2, 2006 at the Yogo Inn in Lewistown, Montana. Room reservations can be made at the Yogo Inn by calling (406) 538-8721. The cost of the 3-day training is \$30 per person for pre-registration or \$40 per person the day of the training.

The Initial Pesticide Training is only offered once a year, but is not mandatory for new applicators wanting a pesticide license. This training is designed to help emphasize pesticide safety, laws and regulations, equipment calibration, hands-on-workshops, and much more pesticide information from the *Basic Pesticide Manual*. This training session contains a lot of information given in a short period of time; therefore you will need to study the manual(s) prior to attending this training to pass the exam(s) required for a pesticide applicator license and/or dealer license. The following are items you will need for the training session:

- ☐ pen or pencil/paper
- ☐ calculator (used for calibration workshop and exam)
- ☐ pesticide training manuals - Basic Pesticide Manual & Category Specific Manual(s)

Attached please find instructions for initial pesticide applicators and dealer licensing, manual price list, manual order form, an agenda with a pre-registration form, and contact information for department staff. Training manuals should be ordered one month prior to the Initial Pesticide Training, which will ensure enough time to study **before** the training session.

Please return the registration form and a check to the Department of Agriculture, ASD, P.O. Box 200201, Helena, MT 59620. Please contact me at 406-444-5400 if you have any questions.

## 2006 Initial Pesticide Training for:

- Commercial Applicators
- Governmental Applicators
- Agricultural Dealers

Sponsored by – Montana  
Department of Agriculture

Monday – February 27, 2006  
Through  
Thursday – March 2, 2006

The Yogo Inn  
Lewistown, MT  
(406) 535-8721

### Monday - February 27, 2006

12:00 pm	Registration
1:00	Welcome – Janet Kirkland ♦ Montana Department of Agriculture (MDA) - Helena, MT
1:15	How to become a Commercial or Governmental Pesticide Applicator or Dealer ♦ Lynn Jones –MDA – Helena, MT (Chapter 1 page 3)
1:45	Defining Montana's Specific Pesticide Categories ♦ Lynn Jones/Janet Kirkland – MDA – Helena, MT
2:15	Question/Answer Session
	<b>2:30 BREAK</b>
3:00	Pesticide Laws & Regulations for Pesticide Applicators & Dealers ♦ Rande Roth – MDA – Billings, MT (Chapter 1 page 3)

3:30	Reading & Understanding the Pesticide Label ♦ Sarah Holden – MDA – Missoula, MT (Chapter 4 page 29)
4:00	<b>Hands-on Workshop</b> (break into groups ➔ blue – Sapphire A, red – Sapphire B, yellow – Moccasin Rm)
5:00	Question & Answer
5:15	Adjourn

### Tuesday – February 28, 2006

8:00 am	The Facts About Integrated Pest Management (IPM) ♦ Michele Mettler– MDA – Helena, MT (Chapter 13 page 138)
8:30	The Worker Protection Standard ♦ Greg Murfitt – MDA – Helena, MT (Chapter 3 page 25)
9:00	Applying Pesticides Effectively: formulations, surfactants, and drift ♦ Janet Kirkland – MDA – Helena, MT (Chapter 5 page 43)
	<b>9:45 BREAK</b>
10:00	Calibrating Spray Equipment ♦ Jim Ghekiere, Liberty Co Weed Dist, Chester, MT (Chapter 6 page 69)
10:30	<b>Hands-on Workshop</b> (break into groups ➔ blue – Sapphire A, red – Sapphire B, yellow – Moccasin Rm)
11:30	Review/Question & Answer
	<b>11:45 LUNCH (on your own)</b>
12:45 pm	The Proper Storage and Disposal of Pesticides ♦ Sarah Holden – MDA – Missoula, MT (Chapter 7 page 81)
1:15	What's so Toxic About Pesticides? ♦ David Rise – EPA – Helena, MT (Chapter 8 page 89)

- 1:45 Pesticide Record Keeping & Routine Inspections ♦ Rande Roth – MDA – Billings, MT (Chapter 1 page 10)
- 2:15 **Hands-on Workshops** (break into groups → blue – Sapphire A, red – Sapphire B, yellow – Moccasin Rm)  
 ♦ Record Keeping Exercise - ❖ Rande Roth  
 ♦ Worn Nozzle demonstration - ❖ Kyle Wasson  
 ♦ Pesticides & Groundwater - ❖ Rick Mulder
- 3:15 Break**
- 3:30 Personal Protective Equipment/Spill Response Kit/Decontamination Station ♦ Tony Olson, Health & Safety Services – Butte, MT (Chapter 9 page 99)
- 5:15 Question/Answer
- 5:30 Adjourn

## Wednesday - March 1, 2006 -- Basic Exam -- 8:00 am to 10:30

## Wednesday - March 1, 2006 -- Category Specific Sessions

- 10:30 am Basic Insect Identification ♦ Cecil Tharp – MSU Extension – Bozeman, MT (*PCO, School IPM, Ag Plant Pest, Mosquito, Public Health, O&T*)
- 11:15 Basic Weed Identification ♦ Tonda Moon – MDA – Helena, MT
- 12:00 Lunch (on your own)**

## ***Break-out Sessions*** **Sapphire B**

- 1:00 pm Introduction to Plant Diseases ♦ MSU Extension – Bozeman, MT (*Ag Plant Pest, O&T*)
- 1:45 Managing Insect Populations ♦ Cecil Tharp – MSU Extension – Bozeman, MT (*PCO, School IPM, Ag Plant Pest, Mosquito, Public Health, O&T*)

### ***2:30 BREAK***

- 2:45 Weed Management ♦ Tonda Moon – MDA – Helena, MT (*Ag Plant Pest, Right-of-Way, Reg. Weed, Special Utility, O&T, School IPM*)
- 3:15-4:45 Self Study/Study Work Groups

## **Sapphire A**

## ***Aquatic Initial Training***

- 1:00 Aquatic Weed ID – Tonda Moon – MDA, Helena, MT (*Aquatic Weed Training Manual*)
- 2:00 Management Plans/Application Records – Rande Roth – MDA, Billings, MT and Sarah Holden - MDA, Missoula, MT
- 3:00 Chemical Control – Xylene and Endothall – Janet Kirkland – MDA, Helena, MT  
 Acrolein - Dale Carpenter – Baker  
 Petrolite - Kuna, Idaho
- 4:45 Questions/Wrap-up
- 5:00 Adjourn

## **Thursday - March 2, 2006 -- Category Specific Exams -- 8:00 am to 12:00**

## Pre-Registration for Initial Pesticide Training

Initial Pesticide Training pre-registration is \$30.00/person or \$40.00/person at the door. Please make check payable to the Montana Department of Agriculture, PO Box 200201, Helena, MT 59620-0201.

NAME: \_\_\_\_\_

BUSINESS: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY/STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

***Pesticide application areas*** (mark primary area of application)

- |  |   |
|--|---|
| <input type="checkbox"/> Rangeland/pasture     | <input type="checkbox"/> Cropland                       |
| <input type="checkbox"/> Ornamental & Turf     | <input type="checkbox"/> Seed Treatment                 |
| <input type="checkbox"/> Indoor insect control | <input type="checkbox"/> Mosquito control               |
| <input type="checkbox"/> Right-of-Way control  | <input type="checkbox"/> Special Utility/Wood Treatment |
| <input type="checkbox"/> Aquatic Weed control  |   |
| <input type="checkbox"/> Other _____           |   |

**Montana Department of Agriculture  
Agricultural Sciences Division**

**INSTRUCTIONS FOR INITIAL PESTICIDE  
DEALER AND APPLICATOR LICENSING**

The use and sale of pesticides is regulated for the protection of people and their environment. Pesticides are considered valuable and necessary to provide sufficient quantity of quality foods and for the protection of humans from vectorborne diseases. However, the protection of people and their essential needs such as water, air, food, livestock, vegetation, pollinating insects, and shelter from pesticides that are potentially dangerous is in the public interest. The Montana Department of Agriculture has the responsibility of administering and enforcing the Montana Pesticide Act. The following is a brief summary of some important points dealers and applicators need to know to become licensed.

**I. WHO NEEDS TO BE LICENSED?**

1. Pesticide Dealer - Any person who sells pesticides in or into Montana except those pesticides used only for home, yard and garden use.
2. Pesticide Applicator -
  - a. Commercial Applicator - A person, who by contract or for hire, applies pesticides to land, plants, seed, animals, or water.
  - b. Non-Commercial Applicator - A person who cannot be classified Private, Commercial, Government, or Public Utility, but desires the use of restricted use pesticides.
  - c. Public Utility Applicator - A person who applies pesticides to land owned or leased by a public utility.
  - d. Governmental Applicator - A person who applies pesticides for a city, county or state or other government agency to public lands or right-of-ways, or as a public service.
3. Private Applicator - Any person who applies restricted-use pesticides to his own crop, land or leased lands. (If you feel that you are a private applicator, contact your MSU county extension agent for further instructions.)

**II. HOW IS A LICENSE OBTAINED?**

1. Dealers -
  - a. Passing an exam with a 75% or better.
  - b. Completing an application form.
  - c. Payment of license fee of \$55.

2. Commercial Applicators -

- a. Passing exams with a 70% or better for general-use products or 80% or better for restricted use products.
- b. Meeting liability requirements.
- c. Completion of an application form.
- d. Payment of license fee of \$55.

3. Governmental Applicators -

- a. Passing exams with a 70% or better for general-use products or 80% or better for restricted use products.
- b. Completion of an application form.
- c. Payment of licensing fee of \$60.

III. WHEN AND WHERE ARE EXAMS GIVEN?

Exams are given by the Montana Department of Agriculture at the Helena office, Mon. through Fri., 8am-5pm, or at any of the five pesticide specialist field offices on the first Monday of each month, or by appointment. The questions are taken from manuals that are available for purchase from the department. The manuals the applicant will be tested on will depend on the licensing category being applied for. To obtain manuals see question VIII.

IV. LIABILITY?

A commercial pesticide applicator must show proof of financial responsibility before a license can be issued. An aerial applicator must carry minimum liability of \$1,500 and all other applicators must carry minimum liability of \$500.

The financial responsibility must be maintained in full force and be effective during each entire licensing period.

The liability requirements may be met in one of three ways:

1. Insurance - The insurance policy must cover any off-target chemical damage. This policy can have any deductive up to \$500 except as provided by ARM 4.10.102(2).
2. Surety Bond - This can be obtained through a bonding company.
3. Liability Indemnity (deposit of cash also known as a CD) - This can be obtained through your bank. This account must be automatically renewable and held jointly by the applicator and the Montana Department of Agriculture. NO pass-book savings, NO municipal bonds, NO government savings bonds will be accepted.

V. WHERE ARE APPLICATIONS OBTAINED?

Pesticide applicator and dealer application forms are available from the department at Helena and the field offices. They may be obtained after you have passed your exams.

VI. WHEN IS A LICENSE ISSUED AND FOR HOW LONG?

All requirements for licensing must be completed and in the Helena office before a license can be processed. It takes the Helena office at least three weeks to process a license. A person must have a license in hand before pesticides can be sold or applied. The license that will be issued to you is good for the calendar year, then it must be renewed.

VII. IS A LICENSE ISSUED TO A BUSINESS OR AN INDIVIDUAL?

A pesticide license is issued to an individual, not a business. If a person licensed as a dealer or an applicator leaves employment of the business, the business cannot sell or apply pesticides until another person is licensed.

## VIII. HOW DO I ORDER TRAINING MANUALS?

The Montana Department of Agriculture has prepared a series of training manuals to help pesticide applicators and dealers prepare to be licensed. Manuals can be ordered from the Department of Agriculture by filling in the enclosed order blank and listing the manuals that you wish to receive. Below is a list of applicator categories and a short explanation of applicator duties. With each category is a series of numbers that refer to the manuals needed for that category. To find the appropriate manuals for each category, refer to the numbers to the left of the title on the "MANUALS PRICE LIST."

<u>MANUALS</u>	<u>CATEGORY</u>
1, 7	AGRICULTURAL ANIMAL PEST CONTROL - An applicator who applies pesticides to animals (livestock) or places that animals are confined.
1, 2	AGRICULTURAL PLANT PEST CONTROL - An applicator who applies pesticides to an agricultural crop or rangelands.
1, 15	AGRICULTURAL VERTEBRATE PEST CONTROL - An applicator who applies pesticide to control wild vertebrate animals.
1, 3 plus training	AQUATIC PEST CONTROL - An applicator who applies pesticides to any standing or running waters.
1	DEALER - Any person who sells pesticides within Montana, except the pesticides used for home, yard and garden use.
All manuals appropriate to the applicators work	DEMONSTRATION & RESEARCH PEST CONTROL - An applicator that demonstrates to the public the proper use of pesticides or a person who conducts field research of pesticides.
1, 4	FOREST PEST CONTROL - An applicator who applies pesticides to forests, forest nurseries and forest seed producing areas.
1, 6	INDUSTRIAL, INSTITUTIONAL, STRUCTURAL, AND HEALTH RELATED PEST CONTROL - An applicator who applies pesticide in, on or around food handling and manufacturing establishments, human dwellings, institutions, industrial establishments including warehouses and any other structure and adjacent areas for the protection of stored, processed or manufactured products.
1, 10	ORNAMENTAL & TURF PEST CONTROL - An applicator who applies pesticides to ornamental trees, shrubs, flowers and turf.



MANUALSCATEGORY

1, 6 and/or 9	PUBLIC HEALTH PEST CONTROL - An applicator who applies pesticides in public health programs to control pest having medical and public health importance.
1, 9	REGULATORY PEST CONTROL-MOSQUITO ABATEMENT - A governmental applicator who applies pesticides to control mosquitoes.
1, 8 and/or 13 plus training	REGULATORY PEST CONTROL-PREDATOR - A governmental applicator who uses the M-44 device or Livestock Protection Collar to control coyotes.
1, 11	REGULATORY PEST CONTROL-WEED - A governmental applicator who applies pesticides to public roadways or right-of-ways as a public service.
1, 11	RIGHT-OF-WAY PEST CONTROL - An applicator who applies pesticides to public roads, power lines, pipelines or railway right-of-ways.
1, 12	SCHOOL IPM - An applicator using or supervising the use of pesticides in the school environment, including but not limited to school yards, buildings, playing fields, and other property under the jurisdiction of the school district.
1, 5	SEED TREATMENT & ELEVATOR PEST CONTROL - An applicator who applies pesticides or fumigants onto seeds, in seed-storage areas or in seeds and uses pesticides in or around the elevator seed-storage facilities.
1, 14	SPECIAL UTILITY - An applicator who is employed by a utility company that applies only pole wraps and soil sterilants.
1, 16	WOOD PRODUCT PEST CONTROL - Any applicator using or supervising the use of pesticides for pole framing, piling applications, railroad tie repair, pressure treatment applications some home and farm uses, brush on treatments, sap stain control, and uses in non-pressure treatment plants for the protection of wood products.

## MANUAL PRICE LIST

These manuals will be sold at a cost that will pay only for printing and distribution. Checks are required for these manuals if they are to be mailed. Applicators or dealers preparing for the tests should purchase the manuals appropriate for each test. The manual that will be needed depends upon the category(ies), or type(s) of pest control to be practiced.

No.	TITLE	COST
1.	<b>Basic Pesticide Training Manual</b> .....	\$ 5.00
2.	Agricultural Plant Pest Training Manual .....	\$15.00
3.	Aquatic Weed Training Manual .....	\$ 5.00
4.	Forest and Range Insect, Weed Disease and Vertebrate Pest Training Manual .....	\$ 5.00
5.	Grain Fumigant & Seed Treatment Training Manual .....	\$ 5.00
6.	Industrial, Institutional, Structural & Public Health Pest Training Manual .....	\$ 5.00
7.	Livestock Pest Training Manual .....	\$ 5.00
8.	Livestock Protection Collar (1080) Training Manual .....	\$ 10.00
9.	Mosquito Control Training Manual .....	\$ 5.00
10.	Ornamental & Turfgrass Training Manual .....	\$ 5.00
11.	Right-of-Way and Regulatory Weed Training Manual .....	\$12.00
12.	School IPM Training Manual .....	\$ 5.00
13.	Sodium Cyanide and the M-44 Device Training Manual .....	\$ 5.00
14.	Special Utility Training Manual .....	\$10.00
15.	Vertebrate Pest Training Manual .....	\$ 5.00
16.	Wood Preservative Training Manual .....	\$ 5.00

## FOR FURTHER INFORMATION CONTACT:

### MAIN OFFICE

Montana Department of Agriculture  
Agricultural Sciences Division  
PO Box 200201  
Helena, MT 59620-0201  
Phone: (406) 444-5400

Lynn Jones, Supervisor  
Licensing & Registration  
Dan Sullivan, Bureau Chief  
Technical Services  
E-mail: [agr@mt.gov](mailto:agr@mt.gov)  
Web site: [www.agr.mt.gov](http://www.agr.mt.gov)

### FIELD OFFICES

#### District I

Sarah Holden  
MT Department of Agriculture  
2681 Palmer Road G  
Missoula, MT 59808-1340

Phone: 329-1340

Counties: Deer Lodge, Flathead,  
Granite, Lake, Lincoln, Mineral,  
Missoula, Powell, Ravalli, Sanders,  
Silver Bow

#### District II

Brad Jones  
MT Department of Agriculture  
2273 Boothill Ct, Ste 120  
Bozeman, MT 59715

Phone: 587-9067

Counties: Beaverhead,  
Broadwater, Fergus, Gallatin,  
Jefferson, Judith Basin, Lewis &  
Clark, Madison, Meagher, Park,  
Sweetgrass, Wheatland

#### District III

Tracy Vischer  
MT Department of Agriculture  
750 6th St SW  
Great Falls, MT 59403

Phone: 761-0926

Counties: Cascade, Chouteau,  
Glacier, Hill, Liberty, Pondera,  
Teton, Toole

#### District IV

Shelley Mills  
MT Department of Agriculture  
Post Office Bldg RM 203  
PO Box 1054  
Glasgow, MT 59230

Phone: 228-9510

Counties: Blaine, Daniels, Dawson,  
Garfield, McCone, Petroleum,  
Phillips, Prairie, Richland, Roosevelt,  
Sheridan, Valley, Wibaux

#### District V

Rande Roth  
MT Department of Agriculture  
321 S 24th St W  
Billings, MT 59102

Phone: 652-3615

Counties: Big Horn, Carbon, Carter,  
Custer, Fallon, Golden Valley  
Musselshell, Powder River, Rosebud,  
Stillwater, Treasure, Yellowstone

The Seal of the State of Montana is a circular emblem. The outer ring contains the text "THE GREAT SEAL OF THE STATE OF MONTANA" at the top and "1889" at the bottom. The central image depicts a landscape with a river, mountains, and a bison. A banner across the river reads "GOD - 7 - NATURE". A small cross is positioned below the banner.

## Manual Sent\_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_  

Street No.
City
County
State/Zip

TITLE	COST	QUANTITY	TOTAL PRICE
1) <b>Basic Pesticide Manual</b>	\$ 5.00		
2) Agricultural Plant Pest Training Manual	\$15.00		
3) Aquatic Weed Training Manual	\$ 5.00		
4) Forest & Range Insect, Weed Disease, and Vertebrate Training Manual	\$ 5.00		
5) Grain Fumigant & Seed Treatment Training Manual	\$ 5.00		
6) Industrial, Institutional, Structural & Public Health Pest Training Manual	\$ 5.00		
7) Livestock Pest Training Manual	\$ 5.00		
8) Livestock Protection Collar (1080) Training Manual	\$10.00		
9) Mosquito Control Training Manual	\$ 5.00		
10) Ornamental & Turf grass Training Manual	\$ 5.00		
11) Right-of-Way and Regulatory Weed Training Manual	\$12.00		
12) School IPM Training Manual	\$ 5.00		
13) Sodium Cyanide and the M-44 Device Training Manual	\$ 5.00		
14) Special Utility Training Manual	\$ 5.00		
15) Vertebrate Pest Training Manual	\$ 5.00		
16) Wood Preservative Training Manual	\$ 5.00		
17) Montana Pesticide Act & Administrative Rules	\$ 0.00		

TOTAL

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Revised 02-05-2005

Make check payable to: MT Department of Agriculture  
Send check and form to the address shown above